



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/658233
Filing Date	September 08, 2003
First Named Inventor	DAVID A. CULVER
Group Art Unit	
Examiner Name	
Attorney Docket Number	CL2151USNA

U.S. PATENT DOCUMENTS

CITED PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
MD		US -	4,020,121	04-26-1977	Kister et al.	
TD		US -	6,103,946	08-15-2000	Brookhart, III et al.	
TD		US -	2002/0016521	02-07-2002	Culver et al.	
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Country Code ³	Number - Kind Code ⁵ (if known)				
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner
Signature

MDU

Date
Considered

11/24/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08b (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/658233		
		Filing Date	September 08, 2003		
		First Named Inventor	David A. Culver Et. Al.		
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	CL2151USNA

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DA		I. Kroschwitz et al., Kirk-Othmer Encyclopedia of Chemical Technology, 4th Ed., Vol. 17, pp. 839-858, John Wiley & Sons, New York.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	DA	Date Considered	2/23/05
-----------------------	----	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.